IFW

Docket Number: 008312-0307351

Client Reference: T2TY-03S0823-1



PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

**AKIHIRO OZEKI** 

Group Art Unit: 2838

Application No.: 10/743,560

Examiner: UNKNOWN

Filed: December 23, 2003

Confirmation No.: 5051

For: ELECTRONIC APPARATUS, ELECTRONIC APPARATUS SYSTEM, AND

OPERATION MODE SWITCHING METHOD

## INFORMATION DISCLOSURE STATEMENT CITING APPLICATION INCLUDING PTO-1449

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the references have been considered, per MPEP § 609.

This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

The attached applications identified in the attached Appendix are directed to related technical subject matter. The identification of those U.S. Patent Applications are not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.

Docket Number: 008312-0307351 - Client Reference: T2TY-03S0823-1

Relevance of the non-English language references are discussed in the present specification and/or in the English-language Abstracts of the non-English references attached hereto, which are relied upon to satisfy the requirement of a statement of relevance for the attached references.

Respectfully submitted,

Jeffrey D. Karceski

Registration Number 35914

Telephone: (703) 905-2110 Facsimile: (703) 905-2500

Date: November 3, 2004

PILLSBURY WINTHROP LLP

P.O. Box 10500 McLean, VA 22102

Customer Number: 00909

Docket Number: 008312-0307351 - Client Reference: T2TY-03S0823-1





Examiner's	First Inventor	Application No.	Filing	Enclosed
Initials			Date	
	Shuji Abe	10/826,910	04/19/2004	
				□ Drawings
				Other: Filing Receipt
	Shuji Abe	10/848,064	05/19/2004	
				□ Drawings
				Other: Filing Receipt
	Shuji Abe	10/860,788	06/04/2004	
	,			□ Drawings
				Other: Filing Receipt

The Examiner's initials indicates he/she has considered the cited application relative to the subject application.

**DO NOT PRINT** the above information on the patent which results from the subject application.

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sul	ostitute for form 1449A/PTO			Complete if Known		
.00.	338886 101 101111 1440/01 10			Application Number	10/743,560	
11	NFORMATION DISC	CLOSUR	RE	Filing Date	12/23/2003	
	STATEMENT BY AF			First Named Inventor	AKIHIRO OZEKI	
	TATEMENT DI A	LIOAN	• •	Art Unit	2838	
	(Use as many sheets as nec	essarv)		Examiner Name	UNKNOWN	
Sheet		of	2	Attorney Docket Number	008312-0307351	

Examiner	Cite	Designant Number	U. S. PATENT  Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Examiner Initials*	No.1	Document Number	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant
		Number-Kind Code <sup>2 (if known)</sup>			Figures Appear
	_1	<sup>US-</sup> 4,677,037	06/30/1987	Takabayashi	
	2	US- 4,962,462	10/09/1990	Fekete, deceased	
	3	<sup>US-</sup> 4,968,566	11/06/1990	Lersch et al.	
	4	US- 5,780,980	07/14/1998	Naito	
	5	us- 5,916,699	06/29/1999	Thomas et al.	
	6	<sup>US-</sup> 5,964,309	10/12/1999_	Kimura et al.	
	7	US- 6,326,097 B1	12/04/2001	Hockaday	
	8	US- 2002/0056134 A1	05/09/2002	Abe et al.	
		US-			

	FOREIGN PATENT DOCUMENTS											
Examiner Initials*	er Cite No.1 Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		MM-DD-YYYY A		Name of Patentee or Applicant of Cited Document  Pages, Columns, Lines, Where Relevant Passage or Relevant Figures Appe		T <sup>6</sup>					
	1	GB	1,131,171		10/23/1968	Hovious		x				
	2	GB	1 304 092		01/24/1973	Bosch		x				
	3	EP	1 091 437	Αl	04/11/2001	Iwase		X				
	4	EP	1 233 468	A2	08/21/2002	Grieve et al.		х				
	5	JP	2002-198077	Α	07/12/2002	Sano	Abstract					

	The state of the s	
Examiner		Date
Signature		Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. See Einds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. See Kinds Codes of USPTO Patent Document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Sind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Unice; U.S. Der Art Ment To College College

	stitute for form 1449A/PTO			Complete if Known		
Gub	Strate for form 1440/VI 10			Application Number	10/743,560	
IN	NFORMATION DISC	CLOSUE	RE	Filing Date	12/23/2003	
	TATEMENT BY AF			First Named Inventor	AKIHIRO OZEKI	
O	TATEMENT BY A	, LIOA	••	Art Unit	2838	
	(Use as many sheets as nec	essarv)		Examiner Name	UNKNOWN	
Sheet		of	2	Attorney Docket Number	008312-0307351	

<b>-</b>	0:4:	Danisant North	U. S. PATENT I	Name of Patentee or	Pages, Columns, Lines, Where
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant
nitiais"	NO.	Number-Kind Code <sup>2 (if known)</sup>	WINI-DD-1111	Applicant of Offer Document	Figures Appear
		US-			

	FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No. <sup>1</sup>			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>				
	6	JР	2002-16524	Α	01/18/2002	Kudo et al.	Abstract				
	7	wo	98/56058		12/10/1998	Hauer	Abstract				
	8	wo	01/079012	A2	10/25/200	Harris et al.		\ x			
	9	wo	2004/031929	<b>A</b> 1	04/15/2004	Ozeki		X			
	10	wo	2004/032269	A2	04/15/2004	Ozeki		x			

Examiner Signature	Date Considered	
	The state of the s	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. See Finds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. See Finds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. See Finds Codes of USPTO Patent Documents, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

		$\overline{}$			
Substitute for	or form 1449B/PTO				Complete if Known
				Application Number	10/773,560
	RMATION DIS			Filing Date	12/23/2004
STAT	EMENT BY	APPL	ICANT	First Named Inventor	AKIHIRO OZEKI
				Art Unit	2838
	(Use as many sheets as	s necessary	V)	Examiner Name	UNKNOWN
Sheet	1 1	of	1	Attorney Docket Number	008312-0307351

		NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, title of the item (book, date, page(s), volume-issue number(s), publisher, city and/or country where published.							
	1	JAESUNG HAN ET AL., "Direct methanol fuel-cell combined with a small back-up battery," Journal of Power Sources 112, Elsevier Science B.V., p. 477-483, (August 3, 2002)	х					
			_					
		·						
Examiner		Date						

Examiner Signature	Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.